

PCT REQUEST

Duplicate of Original

| | | |
|--------------|--|---|
| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared Using | PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | United States Patent and Trademark Office (USPTO) (RO/US) |
| 0-7 | Applicant's or agent's file reference | PU4868WO/JLL |
| I | Title of Invention | CHEMICAL COMPOUNDS |
| II | Applicant | |
| II-1 | This person is | applicant only |
| II-2 | Applicant for | all designated States except US |
| II-4 | Name | SMITHKLINE BEECHAM CORPORATION |
| II-5 | Address | One Franklin Plaza PO Box 7929 Philadelphia, PA 19101 United States of America |
| II-6 | State of nationality | US |
| II-7 | State of residence | US |
| II-8 | Telephone No. | 919-483-2252 |
| II-9 | Facsimile No. | 919-483-7988 |

PCT REQUEST

Duplicate of Original

| | | |
|--------------|----------------------------------|---|
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is | applicant and inventor |
| III-1-2 | Applicant for | US only |
| III-1-4 | Name (LAST, First) | RENO, Michael, John |
| III-1-5 | Address | c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America |
| III-1-6 | State of nationality | US |
| III-1-7 | State of residence | US |
| III-2 | Applicant and/or inventor | |
| III-2-1 | This person is | applicant and inventor |
| III-2-2 | Applicant for | US only |
| III-2-4 | Name (LAST, First) | STEVENS, Kirk, Lawrence |
| III-2-5 | Address | c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America |
| III-2-6 | State of nationality | US |
| III-2-7 | State of residence | US |
| III-3 | Applicant and/or inventor | |
| III-3-1 | This person is | applicant and inventor |
| III-3-2 | Applicant for | US only |
| III-3-4 | Name (LAST, First) | WATERSON, Alex, Gregory |
| III-3-5 | Address | c/o GlaxoSmithKline Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America |
| III-3-6 | State of nationality | US |
| III-3-7 | State of residence | US |

PCT REQUEST

Duplicate of Original

| | | |
|---------|--|--|
| III-4 | Applicant and/or inventor | |
| III-4-1 | This person is | applicant and inventor |
| III-4-2 | Applicant for | US only |
| III-4-4 | Name (LAST, First) | ZHANG, Yuemei |
| III-4-5 | Address | 71 Southfield Drive Montgomery, NJ 08502 United States of America |
| III-4-6 | State of nationality | US |
| III-4-7 | State of residence | US |
| IV-1 | Agent or common representative; or address for correspondence | |
| | The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent |
| IV-1-1 | Name (LAST, First) | LEVY, David, J |
| IV-1-2 | Address | GlaxoSmithKline Corporate Intellectual Property Dept. Five Moore Drive PO Box 13398 Research Triangle Park, NC 27709 United States of America |
| IV-1-3 | Telephone No. | 919-483-2252 |
| IV-1-4 | Facsimile No. | 919-483-7988 |
| IV-1-6 | Agent's registration No. | 27,655 |
| IV-2 | Additional agent(s) | |
| IV-2-1 | Name(s) | additional agent(s) with same address as first named agent LEMANOWICZ, John (37,380) |
| V | DESIGNATIONS | |
| V-1 | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. | |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 14 August 2003 (14.08.2003) |
| VI-1-2 | Number | 60/495,180 |
| VI-1-3 | Country | US |

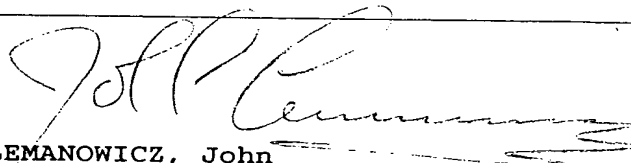
PCT REQUEST

Duplicate of Original

| | | | |
|--------|---|--|-----------------------------|
| VI-2 | Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1 | |
| VII-1 | International Searching Authority Chosen | United States Patent and Trademark Office (USPTO) (ISA/US) | |
| VIII | Declarations | Number of declarations | |
| VIII-1 | Declaration as to the identity of the inventor | - | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | - | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | - | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | |
| IX | Check list | number of sheets | electronic file(s) attached |
| IX-1 | Request (including declaration sheets) | 5 | ✓ |
| IX-2 | Description | 117 | - |
| IX-3 | Claims | 13 | - |
| IX-4 | Abstract | 1 | ✓ |
| IX-5 | Drawings | 0 | - |
| IX-7 | TOTAL | 136 | |
| | Accompanying Items | paper document(s) attached | electronic file(s) attached |
| IX-8 | Fee calculation sheet | ✓ | - |
| IX-11 | Copy of general power of attorney | reference no. none | - |
| IX-12 | Statement explaining lack of signature | ✓ | - |
| IX-17 | PCT-SAFE physical media | - | ✓ |
| IX-18 | other | PCT POA for SmithKline Beecham | |
| IX-18 | other | PCT POA for RENO, STEVENS and WATERSON | |
| IX-19 | Figure of the drawings which should accompany the abstract | | |
| IX-20 | Language of filing of the international application | English | |

PCT REQUEST

Duplicate of Original

| | | |
|-------|--|--|
| X-1 | Signature of applicant, agent or common representative |  |
| X-1-1 | Name (LAST, First) | LEMANOWICZ, John |
| X-1-2 | Name of signatory | |
| X-1-3 | Capacity | |
| X-2 | Signature of applicant, agent or common representative | |
| X-2-1 | Name (LAST, First) | |
| X-2-2 | Name of signatory | |
| X-2-3 | Capacity | |

FOR RECEIVING OFFICE USE ONLY

| | | |
|--------|---|--------|
| 10-1 | Date of actual receipt of the purported international application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/US |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

FOR INTERNATIONAL BUREAU USE ONLY

| | | |
|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau | |
|------|--|--|